

***Complete if Known***

*(Use as many sheets as necessary)*

Application Number	10/565,885
Filing Date	§ 371 Date: January 25, 2006
First Named Inventor	LÓPEZ DE SILANES, Juan
Art Unit	1644
Examiner Name	Skelding, Zachary S.
Attorney Docket Number	2399.0080000

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	FP4	EP 0 068 592 A1	01-05-1983	The Procter & Gamble Company		
	FP5	EP 0 089 710 A1	09-28-1983	The Procter & Gamble Company		
	FP6	EP 1 035 209 A1	09-13-2000	Artemis Pharmaceuticals GmbH		
	FP7	WO 00/53786 A1	09-14-2000	Artemis Pharmaceuticals GmbH		
	FP8	AU 2002237586 B2	09-12-2002	López de Silanes, <i>et al.</i>		

989511 1.doc

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Z.S./

Substitute for form 1449/PTO

# **FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet

1

of

4

**Complete if Known**

Application Number	10/565,885
Filing Date	§ 371 Date: January 25, 2006
First Named Inventor	LÓPEZ DE SILANES, Juan
Art Unit	1644
Examiner Name	Skelding, Zachary S.
Attorney Docket Number	2399.0080000

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
	NPL36	BANKS, N., "Synopsis of North-American Invertebrates. IX. The Scorpions, Solpugids, and Pedipalpi," <i>Am. Nat.</i> 34:421-427, Ginn & Company, Publishers (1900)	
	NPL37	BANKS, N., "The Scorpions of California," <i>Pomona College J. Entomol.</i> 2:185-190, The Biological Department of Pomona College (1910)	
	NPL38	BARONA, J., <i>et al.</i> , "Aspectos toxológicos e immunoquímicos del veneno del escorpión <i>Tityus pachyurus</i> Pocock de Colombia: capacidad neutralizante de antivenenos producidos en Latinoamérica," <i>Biomédica</i> 24:42-49, Instituto Nacional de Salud (March 2004)	Yes
	NPL39	Unverified English language translation of BARONA, J., <i>et al.</i> , "Toxicological and immunological aspects of scorpion poison ( <i>Tytius pachyurus</i> ): neutralizing capacity of antipoisons produced in Latin America," <i>Biomédica</i> 24:42-49, Instituto Nacional de Salud (March 2004)	
	NPL40	BURTON, D.R., <i>et al.</i> , "HIV vaccine design and the neutralizing antibody problem," <i>Nat. Immunol.</i> 5:233-236, Nature America Inc. (March 2004)	
	NPL41	CALDERÓN-ARANDA, E.S., <i>et al.</i> , "Pharmacokinetics of the toxic fraction of <i>Centruroides limpidus limpidus</i> venom in experimentally envenomed rabbits and effects of immunotherapy with specific F(ab') <sub>2</sub> ," <i>Toxicon</i> 37:771-782, Pergamon Press (1999)	
	NPL42	CAMPBELL, A.M., "10.6. Purification of Mabs," in <i>Monoclonal Antibody and Immunosensor Technology</i> , van der Vliet, P.C., ed., Elsevier, Amsterdam, Netherlands, pp. 288-291 (1991)	
	NPL43	CURRY, S.C., <i>et al.</i> , "Envenomation By The Scorpion <i>Centruroides sculpturatus</i> ," <i>J. Toxicol.-Clin. Toxicol.</i> 21:417-449, Marcel Dekker, Inc. (1983-1984)	
	NPL44	DÍAZ NÁJERA, A., "Alacranes De La Republica Mexicana: Identificación de ejemplares capturados en 235 localidades," <i>Rev. Inst. Salubr. Enferm. Trop. (Méx)</i> 24:15-30, Instituto de Salubridad y Enfermedades Tropicales (1964)	Abs
	NPL45	EWING, H.E., "The Scorpions of the Western Part of the United States, With Notes on Those Occurring in Northern Mexico," <i>Proc. U.S. Natl. Mus.</i> 73:1-24, United States Government Printing Office (1928)	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Z.S./

<b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/565,885
				Filing Date	§ 371 Date: January 25, 2006
				First Named Inventor	LÓPEZ DE SILANES, Juan
				Art Unit	1644
				Examiner Name	Skelding, Zachary S.
Sheet	2	of	4	Attorney Docket Number	2399.0080000

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T <sup>2</sup>
	NPL46	GERTSCH, W.J., "Results of the Puritan-American Museum Expedition to Western Mexico 4. The Scorpions," <i>Am. Mus. Novitates</i> , No. 1903, pp. 1-20, The American Museum of Natural History (1958)	
	NPL47	HARLOW, E. and LANE, D., "Ammonium Sulfate Precipitation," in <i>Antibodies A Laboratory Manual</i> , Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, pp. 298-299 (1988)	
	NPL48	HOFFMANN, C.C., "Monografias Para La Entomologica Medica De Mexico, Los Scorpiones De Mexico," in <i>Anales del Instituto de Biologica</i> , Ochoterena, I., ed., Universidad Nacional Autonoma de Mexico, Mexico, pp. 243-361 (1932)	Abs
	NPL49	HOFFMANN, E., <i>et al.</i> , "A DNA transfection system for generation of influenza A virus from eight plasmids," <i>Proc. Natl. Acad. Sci. U.S.A.</i> 97:6108-6113, National Academy of Sciences (2000)	
	NPL50	HOFFMANN, E., <i>et al.</i> , "'Ambisense' Approach for the Generation of Influenza A Virus: vRNA and mRNA Synthesis from One Template," <i>Virology</i> 267:310-317, Academic Press (2000)	
	NPL51	JOHNSON, J.D. and ALLRED, D.M., "Scorpions of Utah," <i>Great Basin Nat.</i> 32:154-170, M.L. Bean Life Science Museum (1972)	
	NPL52	Meeting regarding additional remarks by Dr. Marx on August 4, 1887, <i>Proc. Entomol. Soc.</i> 1:90-94, The Entomological Society (1884-1889)	
	NPL53	NEUMANN, G., <i>et al.</i> , "Plasmid-Driven Formation of Influenza Virus-Like Particles," <i>J. Virol.</i> 74:547-551, American Society For Microbiology (2000)	
	NPL54	STAHNKE, H.L., "The Scorpions of Arizona," <i>J. Sci. (Iowa State College)</i> 15:101-103, Collegiate Press, Inc. (1940-1941)	
	NPL55	STAHNKE, H.L., "Some Observations of the Genus <i>Centruroides</i> Marx (Buthidae Scorpionida) and <i>C. Sculpturatus</i> Ewing," <i>Ent. News</i> 82:281-307, The American Entomological Society (1971)	

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Z.S./

<b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/565,885
				Filing Date	§ 371 Date: January 25, 2006
				First Named Inventor	LÓPEZ DE SILANES, Juan
				Art Unit	1644
				Examiner Name	Skelding, Zachary S.
Sheet	3	of	4	Attorney Docket Number	2399.0080000

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T <sup>2</sup>
	NPL56	SUCHARD, J.R. and CONNOR, D.A., "Scorpion Envenomation," in <i>Wilderness Medicine</i> , Auerbach, P.S., ed., Mosby, St. Louis, MO, pp. 839-862 (February 2001)	
	NPL57	VANLANDSCHOOT, P., <i>et al.</i> , "An antibody which binds to the membrane-proximal end of influenza virus haemagglutinin (H3 subtype) inhibits the low-pH-induced conformational change and cell-cell fusion but does not neutralize virus," <i>J. Gen. Virol.</i> 79:1781-1791, Society For General Microbiology (1998)	
	NPL58	WILLIAMS, S.C. and HADLEY, N.F., "Scorpions of the Puerto Peñasco Area (Cholla Bay), Sonora, Mexico, With Description of <i>Vejovis Baergi</i> , New Species," <i>Proc. California Acad. Sci.</i> 35:103-116, California Academy of Sciences (1967)	
	NPL59	WILLIAMS, S.C., "Scorpions of Baja California, Mexico, and Adjacent Islands," <i>Occasional Papers of the California Academy of Sciences</i> 135:1-127, California Academy of Sciences (1980)	
	NPL60	WOOD, H.C., Jr., "Art. VII. On the Pedipalpi of North America," <i>J. Acad. Natl. Sci. Philadelphia</i> 5:357-376, Merrihew & Thompson (1862-1863)	
	NPL61	WOOD, H.C., Jr., "Description of New Species of North American Pedipalpi," <i>Proc. Acad. Natl. Sci. Philadelphia</i> 15:107-112, Merrihew & Thompson (1863)	
	NPL62	ZLOTKIN, E. and SHULOV, A.S., "Recent Studies on the Mode of Action of Scorpion Neurotoxins. A Review," <i>Toxicon</i> 7:217-221, Pergamon Press (1969)	
	NPL63	ZLOTKIN, E., <i>et al.</i> , "C. Chemistry and Pharmacology of Buthinae Scorpion Venoms," in <i>Arthropod Venoms</i> , Bettini, S., ed., Springer-Verlag, Berlin, Germany, pp. 317-369 (1978)	
	NPL64	Copy of Non-Final Office Action for U.S. Application No. 09/798,076, filed on March 5, 2001, mailed on September 10, 2002	
	NPL65	Copy of Final Office Action for U.S. Application No. 09/798,076, filed on March 5, 2001, mailed on April 1, 2003	

Examiner Signature	Date Considered
-----------------------	--------------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Z.S./

<b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/565,885
				Filing Date	§ 371 Date: January 25, 2006
				First Named Inventor	LÓPEZ DE SILANES, Juan
				Art Unit	1644
				Examiner Name	Skelding, Zachary S.
Sheet	4	of	4	Attorney Docket Number	2399.0080000

<b>NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume number, publisher, city and/or country where published	T <sup>2</sup>
	NPL66	Copy of Final Office Action for U.S. Application No. 10/690,639, filed on October 23, 2003, mailed on December 15, 2006	
	NPL67	Copy of Non-Final Office Action for U.S. Application No. 10/690,639, filed on October 23, 2003, mailed on April 11, 2008	
	NPL68	Copy of Non-Final Office Action for U.S. Application No. 10/980,629, filed on November 3, 2004, mailed on March 21, 2006	

989470\_1.doc

Examiner Signature	/Zachary Skelding/	Date Considered	07/15/2009
-----------------------	--------------------	--------------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /Z.S./